



# TECHNICAL DATA SHEET

## PRODUCT IDENTIFICATION

**Product Name** ARCTIC ECO GREEN® ICEMELTER

**Product Use** De-Icer / Anti-Icer

## PRODUCT DESCRIPTION

Arctic ECO Green® Icemelter is a powerful all natural deicer that is gentle on the environment, the surfaces it is applied to and harmless around children and pets. Arctic ECO Green® Icemelter is made from all natural wholesome ingredients. Each granule is comprised of several components with the use of a unique multi-layered coating process, making this product much more effective than common blended products.

## PERFORMANCE

- Powerful:** Effective down to -29°C (-20°F)
- Gentle on the Environment:** Arctic ECO Green® Icemelter contains minerals that are essential to human life, making it gentle on the environment, and its ECO-systems. It contains potassium, a required nutrient for plant life, making it less harmful to vegetation.
- Anti-Corrosive Formula:** Arctic ECO Green® Icemelter contains a two level anti-corrosive formula, including CMA. This helps to reduce the level of corrosiveness in the product making it a better choice to use on sensitive surfaces.
- Cost Effective Green Color:** Arctic ECO Green® Icemelter is dyed a bright green color. This dye is environmentally friendly, and when used as directed does not stain the surface of your walkway or road surface. The dye helps the user to ECONOMICALLY spread the icemelter evenly, preventing overspreading of the product.

## APPLICATION METHOD

Arctic ECO Green® Icemelter is best applied in a uniform even distribution. It should be spread at a rate of 50 - 100 grams per square metre (¼ - ½ cup per square yard / 10 - 20 lbs per 1000 square feet). It is easiest to spread by mechanical means, such as a spreader, depending on size of coverage. It is recommended to remove ice and slush once ice bond has broken. Icemelter may be applied at the beginning of a storm to prevent hard ice accumulations.

## COMPOSITION

Arctic ECO Green® Icemelter contains minerals that are essential to human life, making it gentle on the environment and its eco-systems. The product is made up primarily from three ingredients, potassium acetate, CMA and sodium chloride. Potassium, being a required nutrient to plant life, has long been known as a safe ingredient to melt ice safely and the CMA gives this product the boost it needs to work down to very low temperatures.

## PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Solid	<b>Appearance:</b>	Dry, Green Granules
<b>pH Level:</b>	6.7 - 7.3	<b>Odour Threshold:</b>	Not Applicable
<b>Water Solubility:</b>	35.7 g/100 mL (0 °C)	<b>Odour:</b>	Odourless
<b>Vapour Pressure:</b>	1.0 mm @ 865 °C	<b>Vapour Density:</b>	Not Applicable
<b>Boiling Point:</b>	1413°C / 2575°F		

## STORAGE & HANDLING

<b>Personal Protective Equipment:</b>	None required. Safety glasses and gloves optional.
<b>Handling and Storage Requirements:</b>	Store in a dry, ventilated area. Wash hands after handling.
<b>Special Shipping Requirements:</b>	Not Applicable



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